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**JP2025697C**  **19960226** FullText**Application Number:** JP 24838986 A**Application (Filing) Date:** 19861021**Priority Data:** JP 24838986 19861021 A X;**Legal Status:** There is no Legal Status information available for this patent**JP63104912A**  **19880510** FullText**Title:** (ENG) ALDOSE REDUCTASE INHIBITOR**Abstract:** (ENG)

**PURPOSE:** To obtain an aldose reductase inhibitor useful for treating various complications of diabetes, such as cataract, retinopathy, neuropathy, nephropathy, etc., containing isoliquiritigenin, isoliquiritin or licuraside as an active ingredient.

**CONSTITUTION:** An aldose reductase inhibitor which contains a compound shown by the formula (R is H, glucose or apiooglucose) as an active ingredient, inhibits activity of aldose reductase, reduces accumulation of sorbitol in erythrocyte, has preventing and treating effects on complication of diabetes, extremely low toxicity and high safety. The compound is obtained by extracting Glycyrrhiza uralensis Fisher with water and/or an alcohol and purifying by column chromatography using Sephadex, etc., as a carrier. The compound wherein R is H is also obtained by condensing resacetophenone with p- hydroxybenzaldehyde.

**Application Number:** JP 24838986 A**Application (Filing) Date:** 19861021**Priority Data:** JP 24838986 19861021 A X;**Inventor(s):** MEYA TOSHIMASA ; TAWADA MASATO ; SASAKI HIROSHI ; NISHIMURA HIROAKI**Assignee/Applicant/Grantee:** TSUMURA & CO**Original IPC (1-7):** A61K03112; A61K03112; A61K03170; C12N00999; A61K03578; C07C04983; C07H015203**Other Abstracts for Family Members:** DERABS C88-165722**Other Abstracts for This Document:** DERC88-165722**Patents Citing This One (4):**

- WO2005074963A1 20050818 KOREA INST OF ORIENTAL MEDICIN KR; KIM JIN SOOK KR; LEE SANG WON KR; LEE YIN MI KR  
COMPOSITION FOR PREVENTION AND TREATMENT OF DIABETIC COMPLICATION
- WO2005054170A1 20050616 TAKARA BIO INC JP; OHNOGI HIROMU ; SUGIYAMA KATSUMI ; ENOKI TATSUJI ; KOBAYASHI EIJI ; SAGAWA HIROAKI ; KATO IKUNOSHIN REMEDY
- WO2004031165A1 20040415 TAKARA BIO INC JP; ONOGI HIROMU JP; SUGIYAMA KATSUMI JP; MURAKI NOBUKO JP; ENOKI TATSUJI JP; SAGAWA HIROAKI JP; KATO IKUNOSHIN JP REMEDIES
- WO2003103648A1 20031218 INST OF MEDICINAL MOLECULAR DE JP; MUTO SUSUMU JP; ITAI AKIKO JP  
THERAPEUTIC DRUG FOR DIABETES

**Legal Status:** There is no Legal Status information available for this patent

[no drawing available]

**JP7055902B □ 19950614 FullText****Application Number:** JP 24838986 A**Application (Filing) Date:** 19861021**Priority Data:** JP 24838986 19861021 A X;**Original IPC (1-7):** A61K03112; A61K03112; A61K03170; A61K03578; C12N00999**Other Abstracts for Family Members:** CHEMABS109(26)237045A; DERABS C88-165722; JAPABS 120349C000011**Legal Status:** There is no Legal Status information available for this patent

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